Packet-Radio Digest   Wed, 17 Feb 93   Volume 93 : Issue   43

Today's Topics:
                       AMIPAC answers...
                  A Packet is comprised of...
             DRSI and TCP/IP help with setup files
                FT-411 <--> Heath Pocket Packet???
                 NOS, NNTP, PC Pnews, and posting
            NOSintro - TCP/IP over Packet Radio (2 msgs)
                   Packet/Internet connections
                     Palmtops and packet?
                     Software over Packet
                    TCP/IP book for packet?

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

HI OM!

Some time ago I posted article about Amiga's AmiPac programm. There was
a little mistake about where you can find it. The manual says like this,
you can't find this programm any BBS althought it is shareware...
I hope I will get the address soon where to get AmiPac so I can send it
here. I also try to convert my AmiPac version to 7bit so I can mail those

who are interested in. I will write about that too. Version of mine isn't
the newest one.

vry 73 de Petri OH1MVH@OH1RBU.FIN.EU

Date: 17 Feb 93 06:08:45 GMT
From: usc!hela.iti.org!cs.widener.edu!dsinc!ub!acsu.buffalo.edu!
miskines@network.UCSD.EDU
Subject: A Packet is comprised of...
To: packet-radio@ucsd.edu

A friend of mine, an active ham, wishes to write some software for use
w/ packet radio. He's not using a TNC, so, he needs to program all the
niceities usually taken care of in hardware..

Specifically, Im looking for a byte-by-byte definition of the currently
accepted packet radio protocol. I understand there has never really
been a standard layed down on paper, so books on the subject arent all
that easy to come by, and i guess he's dealing w/ a time constraint as
well.

Thanks..

Robert J Miskines
miskines@acsu.buffalo.edu

Date: 16 Feb 93 18:27:00 GMT
From: news-mail-gateway@ucsd.edu
Subject: DRSI and TCP/IP help with setup files
To: packet-radio@ucsd.edu

Date sent: 16-FEB-1993 13:23:29

I am trying to set up a drsi type 1 with tcp/ip as was sent with the card.
At present I just want to get the packet driver going, but am having
problems in defining the setup files. I have edited AUTOEXEC.NET as well
as bm.? and it doesn't seem to work.
I get an error msg that says something like :"unable to find device drsi"
and then ther is a string like a0...

if anyone has this sort of setup would you mind sending me a copy of your
autoexec.net as well as the bm. ? files.

Eventually I'd like to set up the ethernet/ or perhaps hf end as well so

any advice there would be greatly appreciated.

thankyou.
..Darrell
(easily confused by attach commands and such...)
but persistent.

~~~~~~
Darrell G. Leavitt
SUNY Empire State College (ESC)   ESC VAX: DLEAVITT
403 Sibley Hall   SUNYNET: SESCVA::DLEAVITT
Plattsburgh, New York, USA,12901 INTERNET: LEAVITDG@SPLAVA.CC.PLATTSBURGH.EDU
PHONE   : (518) 564-2837   AX25/AMATEUR
BitNet   : LEAVITDG@SNYPLAVA   PACKET: N2IXL @ KD2AJ.#NENY.NY.USA.NA
Latitude: 44 41 58 N   Longitude: 73 27 12 W
~~~~~~

Date: Tue, 16 Feb 1993 15:59:00 GMT
From: usc!howland.reston.ans.net!agate!linus!linus.mitre.org!mwvm.mitre.org!
m14494@network.UCSD.EDU
Subject: FT-411 <--> Heath Pocket Packet???
To: packet-radio@ucsd.edu

I'm trying to interface a Yaesu FT-411 HT to a Heathkit Pocket Packet
TNC, so far without much luck. The TNC keys the transmitter ok,
but the transmitted audio seems to be very low. I've tried all the
obvious things, to no avail. This TNC is set up for a 4 wire hookup:
audio in, audio out, PTT, and ground. I can't find any info on this
radio in any of the packet books. Any suggestions? Thanks...

Mike, N4PDY

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* These are my opinions only.*
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Date: 16 Feb 93 18:18:20 GMT
From: swrinde!zaphod.mps.ohio-state.edu!uwm.edu!ogicse!flop.ENGR.ORST.EDU!
gaia.ucs.orst.edu!umn.edu!csus.edu!csusac!usenet@network.UCSD.EDU
Subject: NOS, NNTP, PC Pnews, and posting
To: packet-radio@ucsd.edu

I have Phils latest version compiled with NNTP (gee, I wish it had POP).

I picked-up a copy of pnews for the PC and it works nice. I just haven't
seen any mention of NOS NNTP knowing how to send news postings. Can it ?
Do I need to set anything ?

What's da scoop ? :)

Chuck Bland - n6dbt
chuckb@babbage.ecs.csus.edu

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My sig file

Date: Tue, 16 Feb 93 10:34:35 GMT
From: usc!howland.reston.ans.net!agate!doc.ic.ac.uk!warwick!nott-cs!unicorn!
eeyimkn@network.UCSD.EDU
Subject: NOSintro - TCP/IP over Packet Radio
To: packet-radio@ucsd.edu

In article <9302102231.AA11392@ucsd.edu> brian@ucsd (Brian Kantor) writes:
>My copy of "NOSintro - TCP/IP over Packet Radio, an introduction to the
>KA9Q Network Operating System" by Ian Wade G3NRW just arrived.

Great! I've heard about it being about to come out for ages - anyone got a
source for the UK? Presumably the RSGB would have it...

>This might be the book that finally gets packet people off their
>net/rom duffs and into real ham radio networking!
About time too.. though with BPQ's IP router software things are looking up
already. We've already got some internetwork links from here.

>ISBN 1-897649-00-2. Dowermain Ltd, publishers. Dunno the price.

Cheers
Mike

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+-- -=- If infants can have infancy, why can't adults have adultery? -=- ---+
\------ Mike Knell, Willoughby Hall, University of Nottingham, IO92JX ------/
 \ AMPRnet: mikee@g7gpa.ampr.org -=- Internet: eeyimkn@unicorn.nott.ac.uk /
  \ 'oh well, whatever, nevermind...' -=- AX25: G7GPA@GB7BAD.#23.GBR.EU   /

Date: 16 Feb 93 23:56:00 GMT

From: news-mail-gateway@ucsd.edu
Subject: NOSintro - TCP/IP over Packet Radio
To: packet-radio@ucsd.edu

I have now checked with 2 local bookstores (includes the one at the University
here), and two of Denver's biggies (includes the Tattered Cover). None have
the book listed in Books in Print (no surprise there). It is also absent from
forthcoming books. None have any information that Dowermain, Ltd. exists.
One and all turned up their noses at the ISBN number (wonder what good it is,
then?). For the moment, the only hope lies in obtaining the publishers
address if you want this book.

Will one of the lucky few on the net that got complimentary copies be so kind
as to post Dowermain's address. I'd sure appreciate it.

I hope I have all the information correct:

NOSintro - TCP/IP over Packet Radio, an introduction to the KA9Q Network
Operating System

Ian Wade, G3NRW

ISBN 1-897649-00-2

Dowermain, Ltd.
no address available - therein lies my latest hope

Date: 17 Feb 1993 03:28:17 GMT
From: saimiri.primate.wisc.edu!usenet.coe.montana.edu!news.u.washington.edu!
hardy.u.washington.edu!palefox@ames.arpa
Subject: Packet/Internet connections
To: packet-radio@ucsd.edu

Is there a way for me to send mail via the Internet to someone in Germany
who doesn't have Internet access, but has packet radio? How would this
work, and how would he reply to me?

Thank you very much for any information helping me with this!

Date: 14 Feb 93 10:13:00 GMT
From: usc!howland.reston.ans.net!usenet.ins.cwru.edu!ncoast!flbbs!
larry.mittman@network.UCSD.EDU
Subject: Palmtops and packet?
To: packet-radio@ucsd.edu

To: Kenneth.E.Harker@dartmouth.edu (Kenneth E. Harker)
 On 02-13-93 KENNETH E. HARKER wrote to ALL...

 KE> any existing or planned PCMCIA card TNC's? Then, all you would need
 KE> was a little hand-held radio, a Sharp Wizard, and the TNC card to have
 KE> packet radio anywhere! Am I right? Does this sound feasible?
 KE>
Yes, this sounds very feasible, but I am afraid that it will be
quite a while before you see this becoming real. Companies that
make these gadgets work on a strict supply and demand basis, and
the Amateur Radio community is still too small for them to bring
out such a specialized electronic gadget before fully exploiting
the normal commercial market. This means that the PCMCIA modems
will have to become common place before they are modified to
produce any other type of modem - such as a TNC.

... OFFLINE 1.50 ""Meow" is like "Aloha" - it can mean anything."

Date: 17 Feb 93 07:16:49 GMT
From: mvb.saic.com!unogate!news.service.uci.edu!orion.oac.uci.edu!
eahu099@network.UCSD.EDU
Subject: Software over Packet
To: packet-radio@ucsd.edu

   I am curious why people do not send binaries (software) over the
packet bulletin system. It seems to be successful over internet
(comp.binaries...), but I have not noticed it on packet. I would
guess the main reasons to be:

  1) TOO MUCH DATA FOR SUCH A SLOW MEDIUM. I would assume this is
     the primary reason, but if people used small programs, maybe
     3-4K, it wouldn't be any different than a message.
  2) PEOPLE DON'T KNOW HOW. Maybe, But UUDECODE is a good standard
     to use, and you could use the COMT version on the PC which would
     allow you to send the UUDECODE.COM file in the message. (2K)
  3) NO COMMON DESTINATION. True, but I would be willing to bet
     that there are more PC clones out there on packet than any
     others. Plus you could send code for any machine format.
  4) WOULDN'T INTEREST EVERYONE. No article out there now interests
     everyone.

What are some other reasons for not using packet for such a distribution?
What are the advantages to using it. It seems to me that it would be
useful to be able to send simple software this way. For example, I

have written a few small programs related to ham radio, such as a CAT
interface program for a Yaesu. I would like to hand it out to people
as freeware (I imagine that is to ONLY type of software which would be
allowed which could work). I could send it out as one of two small
messages, and after people read the message, they could decode the
software off line and use the program. Sounds useful.

Perhaps it would be better to send a public message explaining the
software you had, and when you received responses, send out the software
as personal messages only to those interested. Perhaps this is already
being done.

What do you think?

BTW - I'm not as interested in doing it as I am in discussing it.

KD6BCH, Byon in Orange, CA

Date: 16 Feb 93 09:48:47 GMT
From: waikato.ac.nz!aukuni.ac.nz!nacjack!richard@decwrl.dec.com
Subject: TCP/IP book for packet?
To: packet-radio@ucsd.edu

That book mentioned here about TCP/IP under packet (350+ pages)?

I checked my local bookstore's CD, and the ISBN isn't listed, and neither
is the publisher. Does anyone have any more info?

Hex

      "I used to think I was sensible, that makes the
                        truth even more incomprehensible..." - ABBA

          (send email for a list of alternative addresses =8^)

End of Packet-Radio Digest V93 #43
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